INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001758

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: E21B 21/08, E21B 44/00
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: E21B, E21C, E21F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	US 6637522 B2 (H.E. WILSON ET AL), 28 October 2003 (28.10.2003), column 4, line 19 - line 29, figures 1-11, abstract	1-21
		
A	US 4793421 A (R.A. JASINSKI), 27 December 1988 (27.12.1988), figures 1-6, abstract	1-21
		
A	US 5348106 A (U. MATTERO), 20 Sept 1994 (20.09.1994), figures 1-4, abstract	1-21
		
A	US 5121802 A (R. RAJALA ET AL), 16 June 1992 (16.06.1992), figures 1-2, abstract	1-21
		

X	Further documents are listed in the continuation of Box	C.	X See patent family annex.
* "A" "E" "L" "O"	means	"T" "X"	considered novel or cannot be considered to involve an inventive step when the document is taken alone
1	document published prior to the international filing date but later than the priority date claimed e of the actual completion of the international search February 2005	<u> </u>	of mailing of the international search report [1 7 -03- 2005]
Sw Bo	me and mailing address of the ISA/ edish Patent Office x 5055, S-102 42 STOCKHOLM esimile No. +46 8 666 02 86	Inge	rized officer emar Hedlund / MRo none No. + 46 8 782 25 00

Form PCT/ISA/210 (second sheet) (January 2004)

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International application No.
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